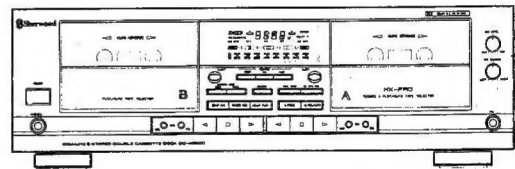


**OPERATING INSTRUCTIONS
MANUEL D'UTILISATION**



DD-4030C
Stereo Double Cassette Deck
Magnétocassette Double Stéréo

 **Sherwood®**



Unpacking and Installation

Congratulations on Your Purchase!

Your new high fidelity Cassette Deck is designed to deliver maximum enjoyment and years of trouble free service. Please take a few moments to read this manual thoroughly. It will explain the features and operation of your Cassette Deck and help insure a trouble free installation. Please unpack your Tape Deck carefully. We recommend that you save the carton and packing material.

They will be helpful if you ever need to move your unit and may be required if you ever need to return it for service.

Your Cassette Deck is designed to be placed in a horizontal position and it is important to allow at least two inches of space behind your unit for adequate ventilation and cabling convenience. To avoid early damage, never place the unit near radiators, in front of heating vents, in direct sun light, or in excessively humid or dusty location. Connect your complementary components as illustrated in the following section.



WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instruction in the literature accompanying the appliance.

Caution: To prevent electric shock do not use this (polarized) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure.

Attention: Pour prévenir les chocs électriques ne pas utiliser cette fiche polarisée avec un prolongateur, une prise de courant ou une autre sortie de courant, sauf si les lames peuvent être insérées à fond sans en laisser aucune partie à découvert.

Read this Before Operating Your Unit

FOR THE U.S.A. AND CANADA 120V

FOR YOUR SAFETY

Units shipped to the U.S.A and Canada are designed for operation on 120V AC only.

Safety precaution for a Polarized AC plug. However, some products may be supplied with a non-polarized plug.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

FOR THE UNITED KINGDOM 240V

FOR YOUR SAFETY

Units shipped to the U.K. are designed for operation on 240V AC only.

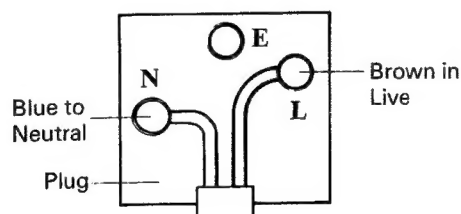
The mains plug must be removed from the wall socket prior to any internal examination.

The wires in this main lead are coloured in accordance with the following code:

Blue Neutral
Brown Live

The wires in this main lead must be connected to the terminals in the plug as follows:

Wire colour
Blue N or Black
Brown L or Red



NOTES:

1. If a 13-amp plug is used, this must be fitted with a 3-amp fuse.
2. If a 3-pin plug with earthing contact is used, no wire must be connected to the E terminal.

"FOR ADDED SAFETY, WHEN CONNECTING THE AC MAINS LEAD TO A 3 PIN PLUG PLEASE USE A 5A FUSE APPROVED BY ASTA TO BS1362, I.E. CARRIES THE



MARK."

FOR AUSTRALIA AND EUROPE 220V/230V/240V

FOR YOUR SAFETY

Units shipped to Australia are designed for operation on 240V AC only.

To ensure safe operation the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively earthed through the normal household wiring. Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities. The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.

Units shipped to Europe are designed for operation on 220V/230V AC only.

FOR OTHER COUNTRIES . . . 120V/220V

FOR YOUR SAFETY

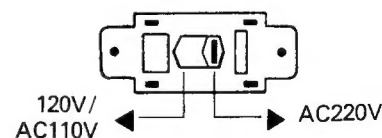
Units shipped to countries other than the above countries are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of this switch.

AC VOLTAGE SELECTION

This unit operates on 110-120V AC. The AC voltage selector switch Type A on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

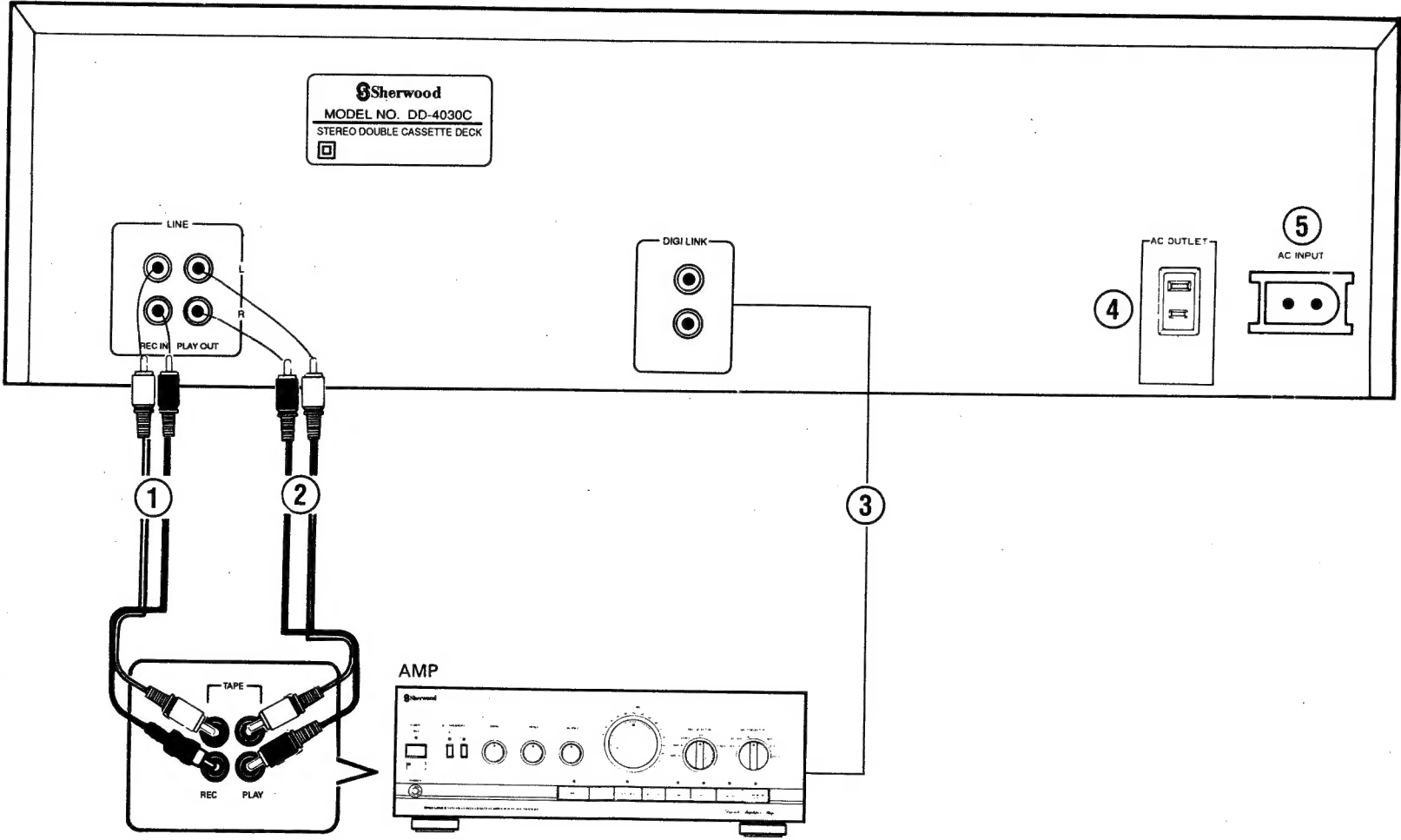
AC voltage selector switch

Type A

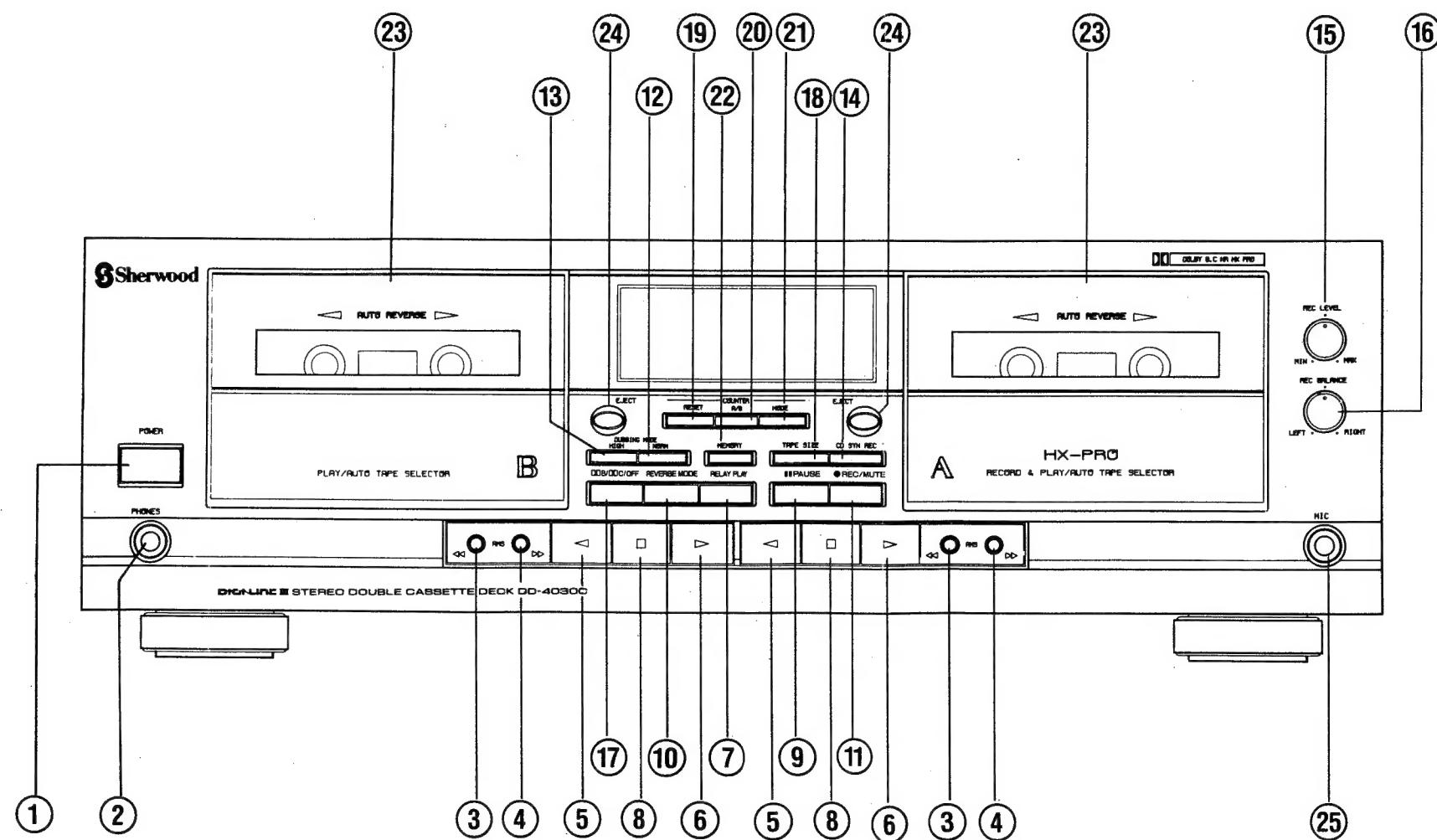


Move switch lever to match your line voltage with a small screwdriver or other pointed tool.

Rear Panel Connections
Commandes du Panneau Avant



Front Panel Controls
Connexions du Panneau Arrière



Rear Panel Connections

① LINE INPUT JACKS

Connect the LINE IN jacks of this cassette deck to the TAPE OUT or TAPE REC jacks of Sherwood amplifier bearing the DIGI-LINK III mark.

NOTE: Make sure that the white lead (left channel) and the red (right channel) are correctly connected.

② LINE OUTPUT JACKS

Connect this jacks to the TAPE IN or TAPE PLAY jacks of Sherwood amplifier bearing the DIGI-LINK III mark. Before connection to the amplifier, refer to the No. ⑤ in the Front Panel Controls and the OP MANUAL of amplifier first of all.

③ DIGI-LINK JACK

This jack is useful only when this unit is connected to a Sherwood compatible unit, such as RX-2030R, RX-4030R, RV-5030R, AX-3030R, etc. Connect this jack to the Digi Link jack of the Sherwood receiver.

NOTE: Do not connect this jack to the DECK PAUSE jack of Sherwood amplifier or system may malfunction.

④ AC OUTLET (UNSWITCHED)

This outlet supplies AC power.

NOTE: Usable power consumption is less than 100 Watts.

⑤ AC INPUT CORD

Connect this cord to the switched AC outlet of your amp or receiver.

Front Panel Controls

① POWER SWITCH

Press this button to turn the power on and off.

② PHONES JACK

Connect the plug of a stereo headphones.

③ REWIND BUTTON/④ FAST FORWARD BUTTON

Press these buttons to fast forward (▶▶) or rewind (◀◀) a tape.

Use these buttons during playback for AMS operation. (See page 14)

⑤ REVERSE PLAY BUTTON (◀)/⑥ FORWARD PLAY BUTTON (▶)

▶: Press this button, and tape will be in forward play mode. The indicator '▶' lights up.

◀: Press this button, and tape will be in reverse play mode. The indicator '◀' lights up.

By pressing the PLAY FORWARD or REVERSE button, you will simultaneously play this cassette deck, and change the FUNCTION SELECTOR switch of the connected Sherwood receiver to tape monitor. According to the TAPE INPUT of your amplifier, FUNCTION SELECTOR switch will be changed as shown in Table.

Press	Tape Input of amplifier	Selected Function
PLAY FORWARD or PLAY REVERSE	Tape	TAPE
	Tape Monitor	TAPE MONITOR
	Tape 1/DCC. Tape 2	TAPE 1/DCC
	Tape 1/DCC. Tape 2 Monitor	TAPE 2 MONITOR
	Tape 1 Monitor, Tape 2 Monitor	TAPE 1 MONITOR

NOTE:

This function is performed, when this cassette deck is connected with only Sherwood amplifier or receiver bearing the DIGI-LINK III mark.

* When no cassette tape is in this cassette door, this function does not performed.

⑦ RELAY PLAY BUTTON

Press this button, and the cassette deck relays to play from Deck A to Deck B, or vice versa (in the continuous auto reverse mode). Use this function with the reverse mode selector.

⑧ STOP BUTTON (■)




Press this button to stop a tape.

⑨ PAUSE BUTTON (||)

Press this button in PLAY or REC mode, and the tape will be in PAUSE mode.

This button is valid only on Deck A.

⑩ REVERSE MODE SELECTOR

- a.  : One side PLAY or REC (SIDE A → STOP, SIDE B → STOP)
- b.  : SIDE A → SIDE B → STOP, SIDE B → SIDE A → STOP
- c.  : Continuous Auto Reverse
 SIDE A → SIDE B → SIDE A →
 SIDE B → SIDE A → SIDE B →
 WHEN REC or DUB,
 SIDE A → SIDE B → STOP, SIDE B → SIDE A → STOP

⑪ REC/REC MUTE BUTTON (●)

Press this button, and the cassette deck will be in recording pause mode.
 Press this button when the cassette deck is in REC pause or REC mode to make 4 seconds of blank portion during recording of live music, where no natural pause occurs on source.
 The blank portion enables proper operation of AMS (Automatic Music Search).

⑫ NORMAL SPEED DUB BUTTON

Press this button to set to Normal Speed Dubbing Mode. (See page 15)

⑬ HIGH SPEED DUB BUTTON

Press this button to set to High Speed Dubbing Mode. (See page 15)

⑭ CD SYN REC BUTTON

Press this button to use the function of the CD synchro recording. (See page 16)

⑮ REC LEVEL VOLUME


This volume adjusts the left and right recording level. (See page 15)

⑯ REC BALANCE VOLUME


This volume adjusts the balance of the right and left recording level.

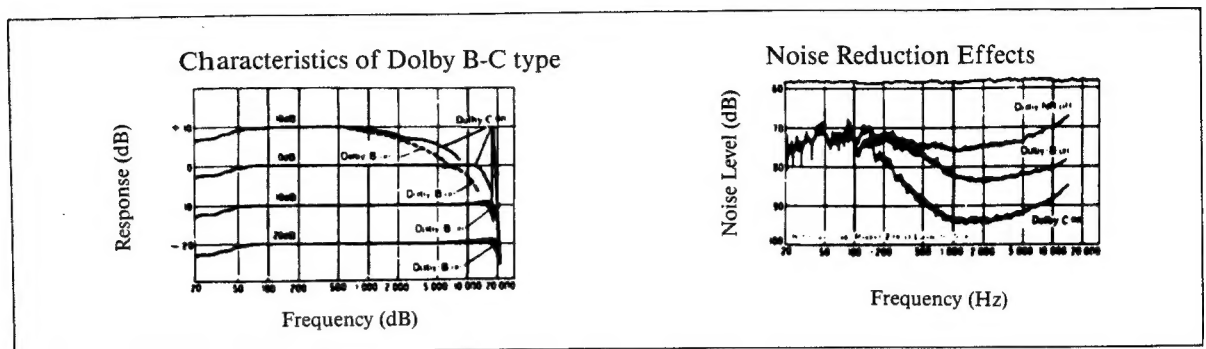
⑰ DOLBY NR SELECTOR

Dolby noise reduction is the extremely effective method of reducing hiss noise on a tape. This unit incorporates both Dolby B and C NR system.

* DOLBY noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation, "Dolby" and the double-D symbol '  ' are trade marks of Dolby Laboratories Licensing Corporation.

NOTE:

1. Most commercially available tapes with '  ' mark are recorded with Dolby B NR.
2. Tapes recorded with Dolby B NR should be played back with Dolby B NR selector and tapes recorded with Dolby C NR should be played back with Dolby C NR selector. Tapes recorded without Dolby NR should be played back with Dolby NR off.



• PRINCIPLE OF DOLBY NR SYSTEM

The Dolby NR system functions so that it automatically increases recording levels of medium and high frequencies when the recording signal level is lower than the specified level (encoding), and automatically reduces the output level to the normal level during playback (decoding). In this way, the tape hiss noise is remarkably reduced without affecting the sound quality. The Dolby NR system used in your Tape Deck improves S/N ratio by about 5 dB at 1KHz and about 10 dB at 10 KHz in B-type and by about 20 dB on most frequency range in C-type. Furthermore C-type has the anti-saturation network which reduces the effects of high frequency saturation, improving high range frequency response.

⑱ TAPE SIZE SELECTOR

Press this button to select a tape size.

Each time this button is pressed the tape size of C-60 (60 min), C-90 (90 min), or C-120 (120 min) is selected. The counter indicator displays the tape size for about 2 seconds. Set the tape size as the tape you use or not the counter counts wrong number (or time).

⑲ COUNTER RESET BUTTON

Press this button to reset the counter to "0000" (or "00:00").

⑳ DECK A/B COUNTER SELECTOR

Press this button to select which Deck (A or B) to be counted. The tape sensing indicator blinks 4 times.

㉑ COUNTER MODE BUTTON

Used to select the Tape/Time counter display mode. Each time this button is pressed, one of the four modes is set in sequence.

㉒ MEMORY BUTTON

Press this button to memory a counter number or time. The memory indicator will appear. This Deck automatically returns to the memorized position when the fast forward or the rewind button is pressed. Press this button again when you do not use this function. Then the memory indicator will disappear.

㉓ CASSETTE DOOR

Press the eject button of the Deck to open the cassette door when the Deck is in the stop mode. This door can be easily dismounted by pushing it up and then taking it out toward the front after opening the door.

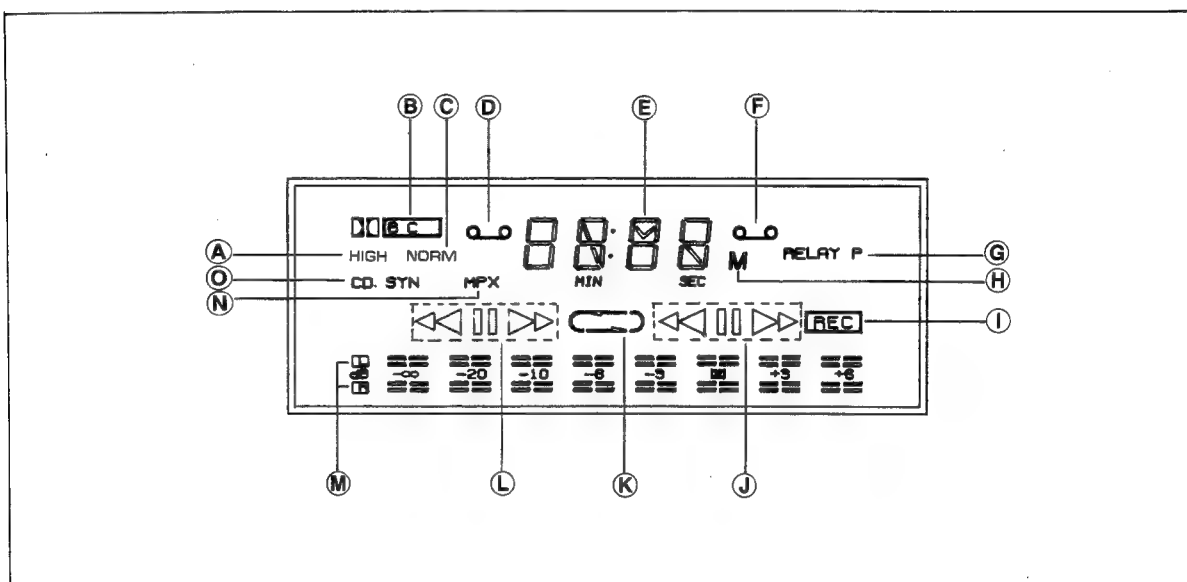
②④ EJECT BUTTON

Press this button to open the cassette door.

②⑤ MIC JACK

Connect the plug of a mono microphone.

DISPLAY WINDOW



① HIGH SPEED DUBBING indicator

② DOLBY NR indicator

③ NORMAL SPEED DUBBING indicator

④ B DECK TAPE SENSING indicator

⑤ COUNTER indicator

⑥ A DECK TAPE SENSING indicator

⑦ RELAY PLAY indicator

⑧ MEMORY indicator

⑨ RECORDING indicator

⑩ A DECK TAPE TRANSPORT indicator

⑪ REVERSE MODE indicator

⑫ B DECK TAPE TRANSPORT indicator

⑬ LEVEL METERS

⑭ 19KHz MPX indicator

⑮ CD SYN indicator

Playback

1. Set the REVERSE MODE SELECTOR to desired position.
2. Turn the power on.
3. Press the EJECT button.
4. Load a recorded cassette tape with the tape side to be played facing the front.
5. To play the tape with Dolby NR, see No. ⑰ on page 11.
6. Press the PLAY button. The tape will start playing. Adjust the volume, tone, etc. on your amplifier to suit to your listening preference.
7. To stop playing, press the stop button. When the tape reaches the end, the Deck stops or plays automatically. (See No. ⑩ on page 11)

AMS Playback

- Press the button ③ or ④ n times (n=1, 2, ..., 20) during playing back or keep pressing the buttons until the number you want is displayed.
- The counter will show the number as this: P-01, P-02, ..., P-20.
- The Deck will skip the music which is playing and go to the nth music reversely or forwardly from the music which is playing.
- And it will play the nth music.
- If you press the play button during AMS, the Deck starts to play.
- Press the stop button to stop playing.

Recording

1. Set the REVERSE MODE SELECTOR to desired position.
2. Turn the power on.
3. Press the EJECT button.
4. Select source you wish to record on your amplifier; PHONO, TUNER, CD, etc.
5. With the tape side to be recorded facing the front, load a cassette tape.
 - * Make sure that the cassette erasure tab on the upper edge has not been removed.
6. To record in Dolby NR mode, see No. ⑰ on page 11.
7. Press the REC button, then the red 'REC' indicator will blink (this indicates that the Deck is in recording pause mode).
8. Adjust the recording level with the REC LEVEL VOLUME.
9. Press the PLAY button (◀ or ▶), then the Deck will start to record.
10. When the recording is finished, press the STOP button. When the tape reaches the end, the Deck will stop or record automatically. (See No. ⑩ on page 11)

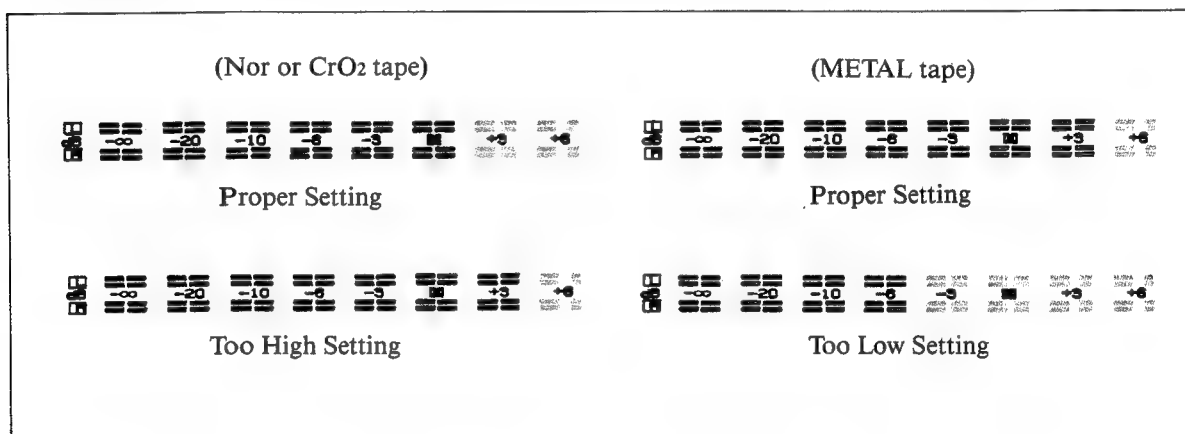
NOTE:

- If the cassette erasure tab on the upper edge has been removed, the REC button does not work.
- You can monitor the recording quality from speakers by pressing the TAPE monitor switch of your amplifier.
- To erase a tape, set the REC LEVEL VOLUME to zero and press the RECORD and the PLAY buttons in succession.

- To review the just recorded sound, use the COUNTER and the MEMORY buttons. At the beginning of every recording, press the COUNTER RESET button to set the counter to "0000" position and press the MEMORY button to memorize the position.
To review after recording, press the rewind button, then the Deck automatically rewinds to the "0000" position and stops. Press the PLAY button.

Recording Level Adjustment

- The most important factor for good recording results is the recording level adjustment.
- High recording level reduces the tape noise, but deteriorates the sound. Tape hiss noise becomes evident at low recording level.
- Generally, recording level should be adjusted so that the level meter indicate the proper level as below.






Synchro Dubbing from Deck B to Deck A

1. Set the REVERSE MODE SELECTOR to desired position.
2. Turn the power on.
3. Load a recorded tape on Deck B.
4. Load a blank tape (or recorded tape to replace with new recording) on Deck A. Make sure that the cassette erasure tab on the upper edge has not been removed.
5. Press the dubbing button (DUB or HI DUB).
To stop dubbing, press the STOP button.

NOTE:

- During dubbing, a blank tape (DECK A) is copied in the same condition as the tape on Deck B regardless of the Dolby NR selector.
- During dubbing, your Cassette Deck copies with Dolby NR circuit bypassed, but you can hear Dolby NR effect with Dolby NR selector.
- During dubbing, the REC LEVEL Volume is bypassed and the record level is copied with the same level of the tape on Deck B.
- HIGH SPEED dubbing copies 1.5 times faster than the NORMAL SPEED dubbing, but we recommend to dub at NORMAL SPEED, if a good sound quality is required.

CD Synchronous Recording

1. Turn the power on.
2. Load a compact disc.
3. Press the EJECT button.
4. Load a cassette tape.
 - * Make sure that the cassette erasure tab on the upper edge has not been removed.
5. Set the REVERSE MODE switch to desired position.
 -  : A → STOP
 -  : A → B → STOP
 -  : A → B → STOP
6. To make recording in Dolby NR mode, see No. ⑰ on page 11.
7. Adjust the recording level with the REC LEVEL VOLUME. (See page 15)
8. Press the CD SYN REC button, then the Deck will start CD Synchro. Recording after 8 seconds and the CD Player will start Auto Space Play.
 - The input function of the amp is automatically changed to CD.
 - For the Sherwood model of AX7030R and AX5030R, you should change the Rec selector to CD before CD Synchro. Recording.
 - For CD Synchro. Recording, you should use the CD player controlled by Digi-Link III not Digi-Link II.
 - If your Sherwood amp (or receiver) is controlled by Digi-Link II, you should change the input function to CD before CD Synchro. Recording.

NOTE:

- a. At the end of the side A of the deck. (When the CD Player is playing)
 - When the CD Player is not in CD EDIT mode.
 - The CD Player goes to the beginning part of the present track, plays this track again and the Deck starts CD Syncro. Recording after 4 seconds of REC MUTE at the side B.
 - When the CD Player is in CD EDIT mode.
 - The CD Player goes to the first track of the side B, the Deck starts CD Syncro. Recording after 4 seconds of REC MUTE at the side B.
- b. At the end of the last track of the side A. (When the Deck is CD Synchro. Recording)
 - The Deck is operated in the Fast Forward mode to the end of the side A and continues CD Syncro. Recording after 4 seconds of REC MUTE at the side B.
 - The CD Player goes to the SEARCH PAUSE mode at the side B, and starts AUTO SPACE PLAY when the Deck starts CD Syncro. Recording.
- c. This deck starts CD Syncro. Recording only in the forward play mode.
- d. During the CD Synchro Recording, the stop button is the only button that will function.
- e. The CD Synchro. Record mode is released when the input function of the amp is changed during the CD Synchro. Recording.
 - When you change the input function of the amp which has a manual rotary Rec selector to other input function during CD Synchro. Recording, the Deck continues CD Synchro. Recording and you can hear the sound of selected source from the speakers.
 - Example: • During the CD Synchro. Recording, the Deck records the Tuner when the input function of the amp is changed to the TUNER function.
- f. The CD Syncro. Record mode is released when the CD Player is reading or can't read the information of the disc. (total playing time and the number of tracks, etc.)
- g. During the CD Synchro. Recording the CDP always operates in the Auto Space Play mode.

DOLBY HX PRO HEADROOM EXTENSION

1. Dolby HX Pro is a professional recording bias system which are now available in some of home cassette recorders improving dynamic range and signal clarity for life-like sound quality.

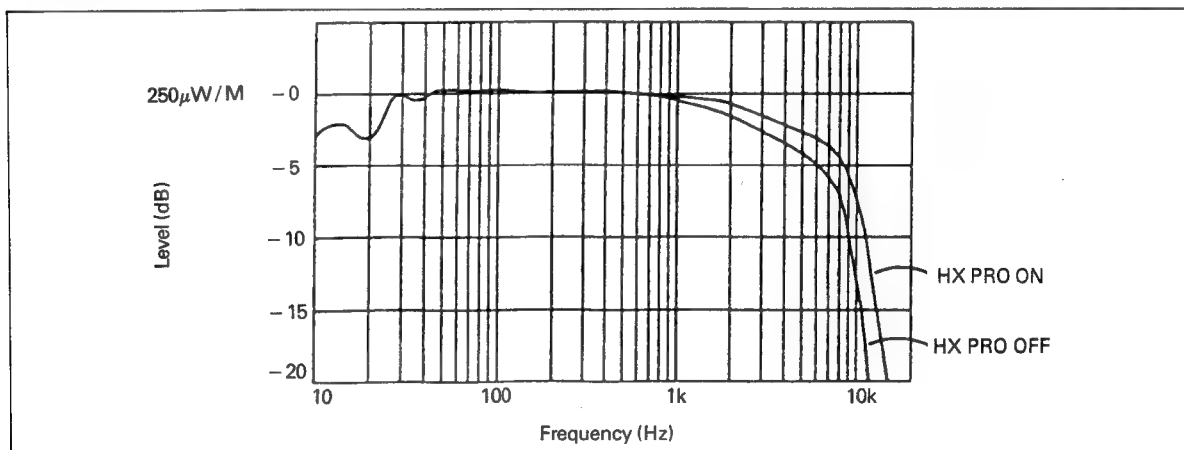
When recording audio signals which contain high-frequency components, these components influence the bias and decrease the high recording frequencies. (If the amount of bias is great, high frequencies are decreased, while on the other hand, if the amount of bias is small, high frequencies are increased, resulting in a corresponding increase in distortion.)

The Dolby HX Pro system responds to high or low frequencies to regulate the oscillation of the bias level added to the recording head, thus providing a stable, effective bias to the audio signals being recorded. When an audio signal contains a large number of high-frequency components, the bias is held to a low value and deterioration of high frequencies is avoided, whereas for low frequencies, the bias is added at a fixed rate. Bias is thus added at the optimum rate for both high and low frequencies.

2. DD-4030C incorporates the Dolby HX Pro system which automatically adjusts itself not only for normal, CrO₂, and metal tapes but also for right and left channels independently. Since the system is automatically engaged during the recording process only, the audiophile can enjoy the full benefits of any tape without worrying about proper adjustment of switches and encoding/decoding controls.

DOLBY B AND C NOISE REDUCTION

The hiss noises commonly inherent in tape recordings are effectively controlled by the Dolby B and C reduction system. Dolby B and C noise reduction can also be used concurrently with the Dolby HX Pro system.



HX Pro headroom extension originated by Bang & Olufsen and manufactured under license from Dolby Laboratories Licensing Corporation.

"DOLBY", the double-D symbol , and "HX PRO" are trademarks of Dobby Laboratories Licensing Corporation.

Maintenance

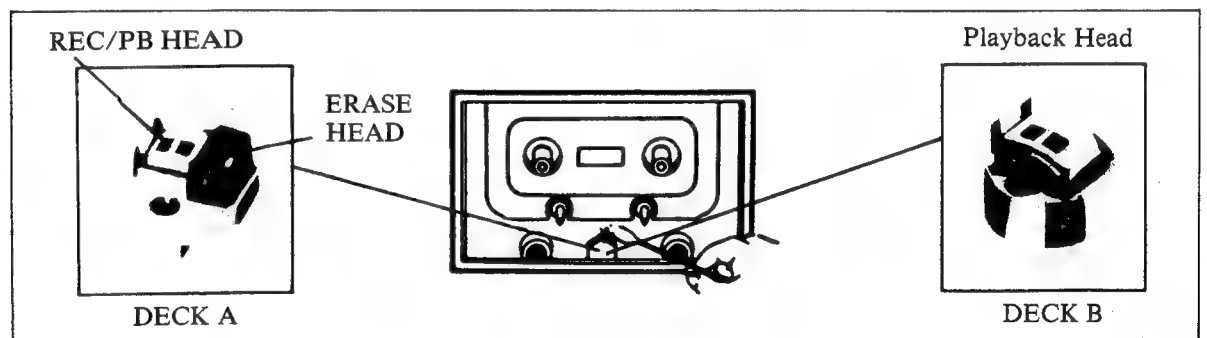
CLEANING OF HEADS AND TAPE PATH

Generally, it is sufficient to clean heads after every 10 hours of operation. However, all surfaces over which tape travels should be cleaned before making high quality recordings.

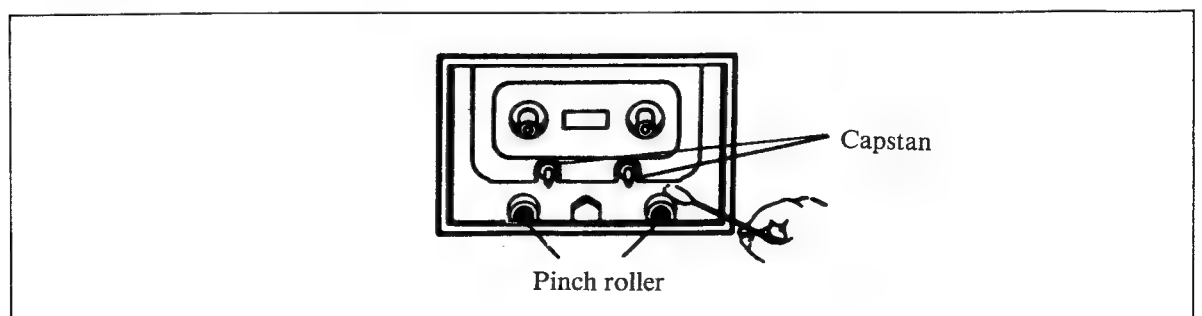
1. Set the POWER switch to OFF and remove cassette door lid by pushing it up and then taking it out toward the front side after opening the door.



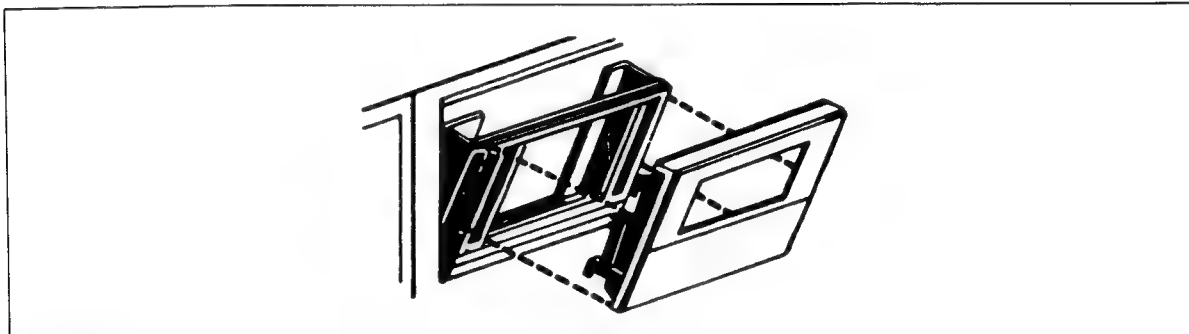
2. Wipe the heads using a cleaning tip slightly moistened with a commercially available head cleaner.



3. Wipe the capstan and pinch roller using another cleaning tip slightly moistened with a commercially available rubber cleaner.

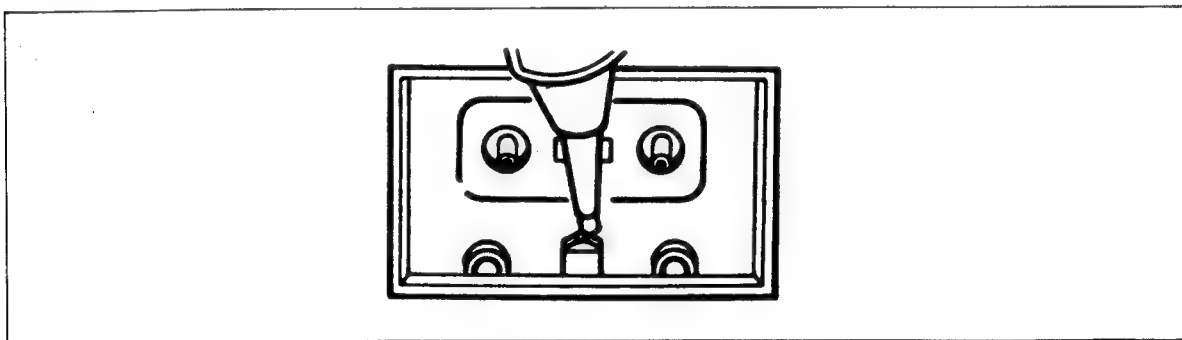


4. Replace the door lid.
 - Do not insert a cassette tape until the cleaner dries out.



DEMAGNETIZING HEADS

Residual magnetism will gradually build up on the heads through continuous use and cause erasure of high frequencies and hiss. The heads and metallic parts of the tape path should be demagnetized after 20-30 hours of operation with a commercially available head demagnetizer. Be sure that the cassette deck is turned off.



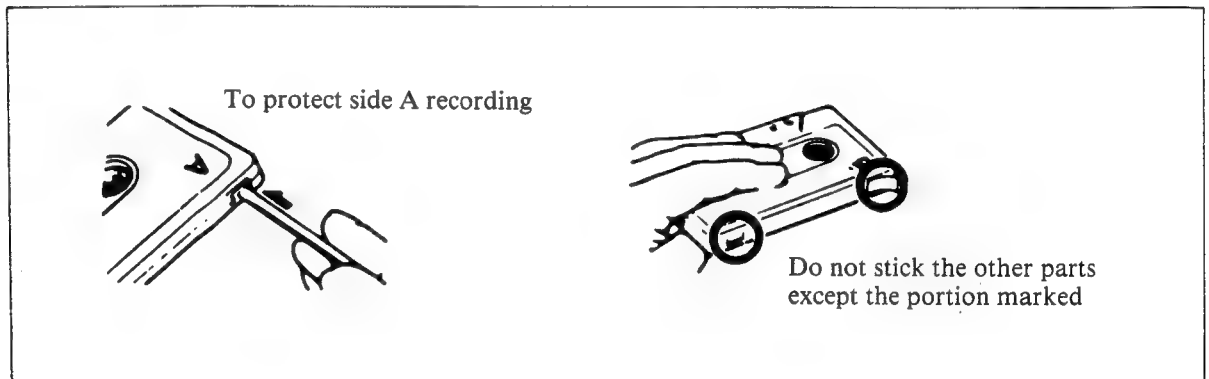
CLEANING CABINET

Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild soap solution. Do not use any type of scouring powder or solvent such as alcohol or benzine.

Note on Cassette

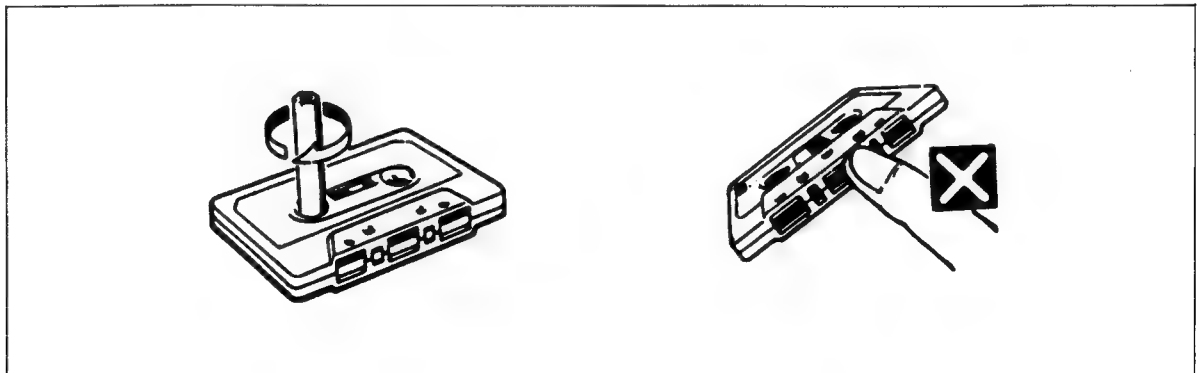
TO PROTECT RECORDING FROM ACCIDENTAL ERASURE

Remove the tab as illustrated so that the REC button does not work. To record on a cassette after tabs have been removed, simply cover the slot with cellophane or vinyl tape.

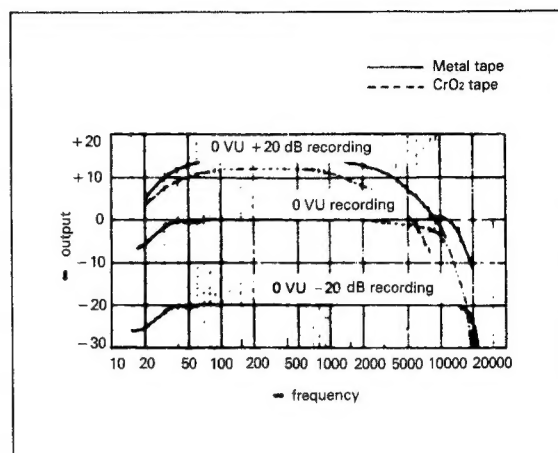


CASSETTE CARE

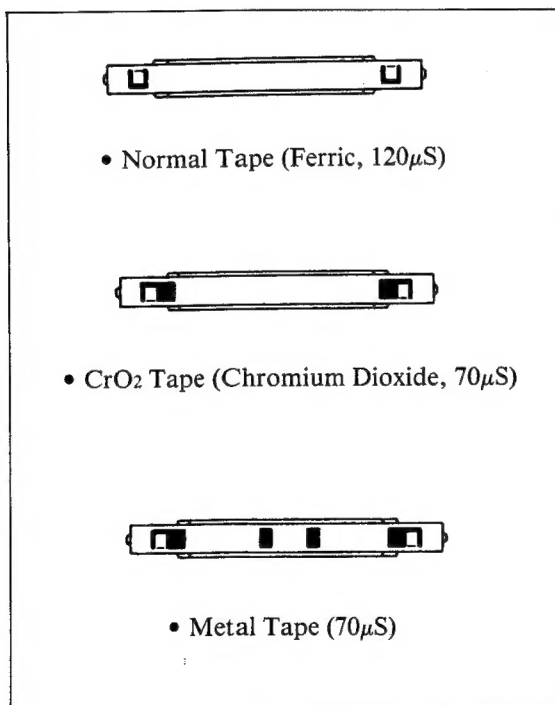
- Most of the tape manufacturers make C-60 (30 min×2) as their standard. If the length of the tape is long it can stretch and become soft. We would like to recommend that you use C-60 or C-90 tapes for better quality sound and safe tape operation. C-120 cassette tape is so thin and soft that, if the capstan or pinch roller is even slightly dirty, it often coils around the capstan or pinch roller and results in tape breakage, so if you use C-120 tape, perfectly clean capstan and pinch roller.
- Before loading a cassette tape, take up the slack of the tape to prevent it from becoming entangled around the capstan.
- Avoid touching the tape surface of a cassette. Protect it from dust by storage in a case. Even minor dirt of dust could cause contamination of the heads resulting in noise and sound drop-out.
- In case you store your cassette tape, stretch your cassette tape by your pencil or stick, etc.



- Keep a cassette tape away from magnetic equipment such as speakers, amplifier, etc. not to erase or distort your recorded tape. Do not expose a cassette to direct sunlight, extreme cold temperature or moisture.
- Empty your cassette holder if you do not use the Deck for a long time.
- METAL tape has good characteristics than NORMAL tape. It has wide dynamic range, wide frequency response, and high MOL (Maximum Output Level).



Tape Type



The type of a tape on Deck A and B is automatically noticed when you turn the power on and load a cassette tape.

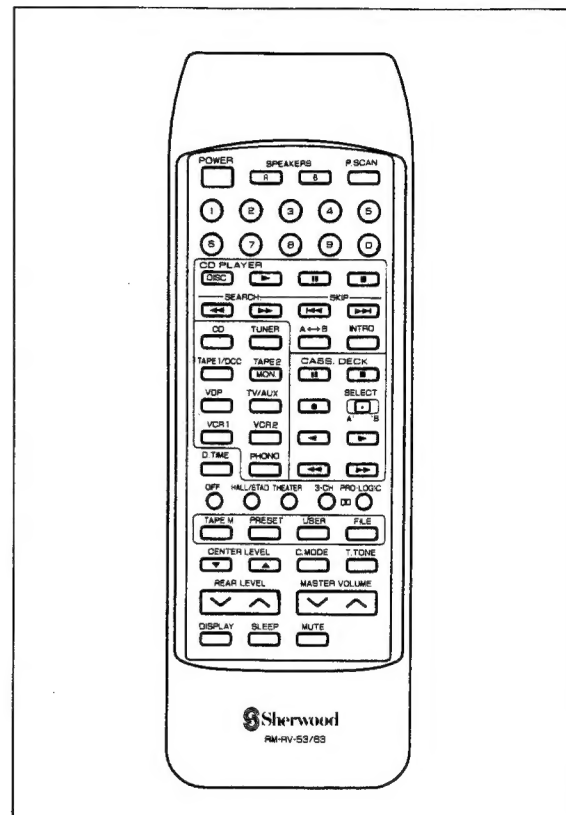
The counter indicator shows only the type of a tape on Deck A.

The display window shows the type of a tape as below.

NOR : Normal Tape
CR : CrO₂ Tape
ME : Metal Tape

DIGI-LINK III System Remote Control Operations

1. Can be remotely controlled, if this cassette deck is connected with Sherwood compatible master component as amplifier (model: AX-3030R) or receivers (model: RX-2030R, RX-4030R, RV-5030R).
2. Applicable control buttons on the remote commander are Record (●), Forward Play (▶), Reverse Play (◀), Stop (■), Fast Forward (▶▶), Rewind (◀◀), Pause (||) and Deck A/B selector.
3. Press these buttons to control the deck remotely. The function of these buttons are the same with that of the deck. AMS can also be operated by commander.
4. To select Deck A or B, use the Deck A/B select switch.
5. Press the TAPE1/DCC button to change the input function of your amplifier to Deck.
6. When you press the REC button, the input function of the amplifier is changed to Tape Monitor mode.



Troubleshooting Guide

Re-read the operating instruction carefully to be sure the cassette deck is being operated properly. You will usually find a quick solution to most problems mentioned in the following chart.

PROBLEM	POSSIBLE CAUSE	REMEDY
No power	<ul style="list-style-type: none">• AC cord accidentally disconnected.	<ul style="list-style-type: none">• Check AC cord is plugged into AC outlet properly.
No playback	<ul style="list-style-type: none">• Unit is not connected properly to amplifier.• Amplifier is not set properly.	<ul style="list-style-type: none">• Check cables between the deck and the amplifier.• Depress corresponding Tape Monitor switch.
Distorted sound	<ul style="list-style-type: none">• Tape heads are dirty.• Cassette tape is badly stretched.	<ul style="list-style-type: none">• Clean the heads.• Replace the cassette tape.
Erratic tape speed	<ul style="list-style-type: none">• Capstan or pinch rollers are dirty.	<ul style="list-style-type: none">• Clean the capstan and the pinch rollers.
Audible hum	<ul style="list-style-type: none">• Audio cables are not connected.• Pick up AC magnetic field.	<ul style="list-style-type: none">• Check plugs on both the deck and the amplifier.• Increase distance between the deck and the other components or equipments.
No recording	<ul style="list-style-type: none">• Erasure tabs on the cassette have been removed.• REC Level VOLUME is at the minimum.	<ul style="list-style-type: none">• Cover the openings with adhesive tape.• Increase the REC LEVEL VOLUME.

Specification

Power Consumption	18W
Dimensions	17.3(W)×4.9(H)×9.6(D) inch
Weight (Net)	5.2kg (11.1 lbs, 7.4 oz)

Note: Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on the European standard, and provides information on regional circuit modification through use of alternate schematic diagram, and information on regional component variations through use of parts list. Design and Specifications are subject to change without notice for improvement.